

FORM PTO-1390 (Modified) (REV 10-95)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER	
<b>TRANSMITTAL LETTER TO THE UNITED STATES</b> <b>DESIGNATED/ELECTED OFFICE (DO/EO/US)</b> <b>CONCERNING A FILING UNDER 35 U.S.C. 371</b>				1926 U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR <div style="font-size: 1.5em; font-weight: bold; text-align: center;">10/018241</div>	
INTERNATIONAL APPLICATION NO. <b>PCT/IT 99/00358</b>		INTERNATIONAL FILING DATE * <b>DECEMBER 16, 1999</b>		PRIORITY DATE CLAIMED <b>FEB. 12, 1999, MAY 11, 1999, SEP. 20, 1999</b>	
TITLE OF INVENTION <b>LID APPLIED BY PRESSURE TO CANS CONTAINING DRINKS</b>				Nov. 4, 1999	
APPLICANT(S) FOR DO/EO/US <b>Emilio TALMON</b>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</li> <li>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> <li>8. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>9. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>10. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> </ol>					
<b>Items 13 to 18 below concern document(s) or information included:</b>					
<ol style="list-style-type: none"> <li>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment. A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A substitute specification.</li> <li>17. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>18. <input checked="" type="checkbox"/> Certificate of Mailing by Express Mail</li> <li>19. <input checked="" type="checkbox"/> Other items or information:</li> </ol>					
<div style="border: 1px solid black; height: 100px; margin-top: 10px; display: flex; align-items: center; justify-content: center;"> <div style="font-size: 1.5em; font-family: cursive;">ET 755324600 US</div> </div>					

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

10/018241

INTERNATIONAL APPLICATION NO.

PCT/IT 99/00358

ATTORNEY'S DOCKET NUMBER

1926

20. The following fees are submitted:

**BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5) ) :**

- ☐ Search Report has been prepared by the EPO or JPO ..... \$930.00
- ☐ International preliminary examination fee paid to USPTO (37 CFR 1.482) ..... \$720.00
- ☐ No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... \$790.00
- ☒ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$1,070.00
- ☐ International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) ..... \$98.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

**CALCULATIONS PTO USE ONLY**

\$890.00

Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)). ☐ 20 ☐ 30

\$0.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	12 - 20 =	0	x \$18.00
Independent claims	1 - 3 =	0	x \$80.00

\$0.00

\$0.00

Multiple Dependent Claims (check if applicable). ☐

\$0.00

**TOTAL OF ABOVE CALCULATIONS =**

\$890.00

Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable). ☒

\$445.00

**SUBTOTAL =**

\$445.00

Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)). ☐ 20 ☐ 30 +

\$0.00

**TOTAL NATIONAL FEE =**

\$445.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). ☐

\$0.00

**TOTAL FEES ENCLOSED =**

\$445.00

Amount to be:

refunded

\$

charged

\$

☐ A check in the amount of to cover the above fees is enclosed.

☒ Please charge my Deposit Account No. 19-4675 in the amount of \$445.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.

☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 19-4675 A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

STRIKER, STRIKER & STENBY  
103 EAST NECK ROAD  
HUNTINGTON, NEW YORK 11743

SIGNATURE

MICHAEL J. STRIKER

NAME

27233

REGISTRATION NUMBER

Dec. 7, 2001

DATE

10/018241

JC13 Rec'd PCT/PTO 07 DEC 2001

UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner:                      Group:                      Attorney Docket # 1926

Applicant(s) : TALMON, E.

Serial No. :

Filed :

For : LID APPLIED BY PRESSURE TO CANS  
CONTAINING DRINKS

SIMULTANEOUS AMENDMENT

November 29, 2001

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

S I R S:

Simultaneously with filing of the above identified application  
please amend the same as follows:

In the Claims:

Cancel all claims without prejudice.

Substitute the claims attached hereto.

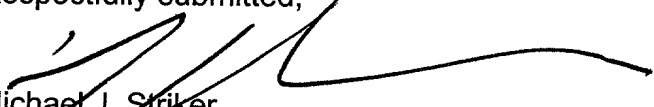
REMARKS:

This Amendment is submitted simultaneously with filing of the above identified  
application.

With the present Amendment applicant has amended the claims so as to eliminate  
their multiple dependency.

Consideration and allowance of the present application is most respectfully requested.

Respectfully submitted,



Michael J. Striker  
Attorney for Applicant(s)  
Reg. No. 27233

10/018241

CLAIMS

1. Lid (30) applied by pressure to a can (10) containing drinks (28),  
said can having a cylindrical body (11) and truncated cone-  
shaped mouth (12) at the top closed by a head (15) with a raised  
5 rim (16) and an aperture (23) obtainable by tearing off a tongue-  
shaped strip (19),  
characterized in that it presents a concave base, a truncated cone-  
shaped body (33) and a cylindrical mouth (32) whose shape and  
internal dimensions correspond to the shape and external dimen-  
10 sions of the top of the can (10), substantially permitting reciprocal  
matching between the truncated cone-shaped body and cylindrical  
mouth respectively with the truncated cone-shaped mouth (12) and  
cylindrical body (11) of the can (10).
2. Lid (30) applied by pressure to a can (10) for drinks (28) as in  
15 claim 1,  
characterized in that the concave base presents an external raised  
rim (34) of a substantially U-shaped cross section, that matches  
with the raised rim (16) on the head (15) of the can (10), height of  
the internal wall of the rim (34) on the lid (30) being substantially  
20 that of the raised rim (16) on the head (15) of the can (10), the  
cylindrical mouth (32) in the lid (30) extending to match, for a few  
millimetres, with the cylindrical body (11) of the can (10).
3. Lid (30) applied by pressure to a can (10) for drinks (28) as in  
claim 1,  
25 characterized in that on its concave base there is a protruberance  
(45) substantially of the same shape as the aperture (23) in the  
opened can (10) but slightly larger so that, on applying the lid (30)  
to the can (10), the position of the protruberance (45) corresponds  
radially to that of the aperture (23) and when said protruberance  
30 (45) is forced inside said aperture (23) it acts as a stopper  
hermetically closing the can (11) avoiding accidental spillage of the

drink (28) if not fully consumed, as well as making it possible to consume it as desired, removing the lid (30) from the can each time.

4. Lid (30) applied by pressure to a can (10) for drinks (28) as in  
5 claim 1,

characterized in that, at the beginning and end of its truncated cone-shaped body (33), it presents two annular ribs (48, 49) to make a seal, said ribs matching with the beginning and end of the truncated cone-shaped mouth (12) of the can (10).

10 5. Lid (30) applied by pressure to a can (10) for drinks (28) as in claims 1[and 4]

characterized in that it presents two vent holes, one (46) placed substantially at the centre of its concave base (31) and the other (47) between the two annular ribs (48, 49) on its truncated cone-  
15 shaped body (33).

6. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

characterized in that, substantially at the meeting point between its truncated cone-shaped body (33) and cylindrical mouth (32), is an  
20 external handle (40), facing upwards and adhering to said body prior to use, said handle (40) being easily rotated outwards to assist the pull on the lid (30) in order to detach it from the can (10).

7. Lid (30) applied by pressure to a can (10) for drinks (28) as in claims 1[and 6,]

25 characterized in that it presents, about halfway up said handle (40) two lateral notches (43) and a transversal dimension so that, by making a slight longitudinal bend, it is able to enter the aperture (23) in the can (10), after all the drink (28) has been consumed, becoming inserted in said notches (43) in the edge of said aperture  
30 (23), thus fixing the can (10) and lid (30) together, preventing their coming apart and the lid (30) forming an item of waste to pollute the

environment.

8. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

characterized in that its height is comprised between 8 and 25 mm.

5 9. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

characterized in that it is made in a single piece.

10. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

10 characterized in that it is made of plastic material.

characterized in that it is made of moderately elastic plastic material.

11. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

12. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

15 characterized in that it is made of rubber.

## CLAIMS

1. Lid (30) applied by pressure to a can (10) containing drinks (28),  
said can having a cylindrical body (11) and truncated cone-  
shaped mouth (12) at the top closed by a head (15) with a raised  
5 rim (16) and an aperture (23) obtainable by tearing off a tongue-  
shaped strip (19),  
characterized in that it presents a concave base, a truncated cone-  
shaped body (33) and a cylindrical mouth (32) whose shape and  
internal dimensions correspond to the shape and external dimen-  
10 sions of the top of the can (10), substantially permitting reciprocal  
matching between the truncated cone-shaped body and cylindrical  
mouth respectively with the truncated cone-shaped mouth (12) and  
cylindrical body (11) of the can (10).
2. Lid (30) applied by pressure to a can (10) for drinks (28) as in  
15 claim 1,  
characterized in that the concave base presents an external raised  
rim (34) of a substantially U-shaped cross section, that matches  
with the raised rim (16) on the head (15) of the can (10), height of  
the internal wall of the rim (34) on the lid (30) being substantially  
20 that of the raised rim (16) on the head (15) of the can (10), the  
cylindrical mouth (32) in the lid (30) extending to match, for a few  
millimetres, with the cylindrical body (11) of the can (10).
3. Lid (30) applied by pressure to a can (10) for drinks (28) as in  
claim 1,  
25 characterized in that on its concave base there is a protruberance  
(45) substantially of the same shape as the aperture (23) in the  
opened can (10) but slightly larger so that, on applying the lid (30)  
to the can (10), the position of the protruberance (45) corresponds  
radially to that of the aperture (23) and when said protruberance  
30 (45) is forced inside said aperture (23) it acts as a stopper  
hermetically closing the can (11) avoiding accidental spillage of the



drink (28) if not fully consumed, as well as making it possible to consume it as desired, removing the lid (30) from the can each time.

5        4. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

characterized in that, at the beginning and end of its truncated cone-shaped body (33), it presents two annular ribs (48, 49) to make a seal, said ribs matching with the beginning and end of the truncated cone-shaped mouth (12) of the can (10).

10       5. Lid (30) applied by pressure to a can (10) for drinks (28) as in claims 1

characterized in that it presents two vent holes, one (46) placed substantially at the centre of its concave base (31) and the other (47) between the two annular ribs (48, 49) on its truncated cone-shaped body (33).

15       6. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

characterized in that, substantially at the meeting point between its truncated cone-shaped body (33) and cylindrical mouth (32), is an external handle (40), facing upwards and adhering to said body prior to use, said handle (40) being easily rotated outwards to assist the pull on the lid (30) in order to detach it from the can (10).

20       7. Lid (30) applied by pressure to a can (10) for drinks (28) as in claims 1

25       characterized in that it presents, about halfway up said handle (40) two lateral notches (43) and a transversal dimension so that, by making a slight longitudinal bend, it is able to enter the aperture (23) in the can (10), after all the drink (28) has been consumed, becoming inserted in said notches (43) in the edge of said aperture  
30       (23), thus fixing the can (10) and lid (30) together, preventing their coming apart and the lid (30) forming an item of waste to pollute the

environment.

8. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

characterized in that its height is comprised between 8 and 25 mm.

5 9. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

characterized in that it is made in a single piece.

10. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

10 characterized in that it is made of plastic material.

characterized in that it is made of moderately elastic plastic material.

11. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

12. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

15 characterized in that it is made of rubber.

3/p<sub>sts</sub>.

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**Lid applied by pressure to cans containing drinks**

The invention concerns packaging of drinks in cans.

Cans containing drinks that can be drunk through an aperture made in the top surface of the can are in everyday use, the aperture being created by pulling off a strip prepared for the purpose, and by application of a ring fixed by a pin at the rear end of said strip, which ring, before being pulled up, lies flat on said top surface of the can.

The serious drawback connected with these cans is that there is nothing to protect the surface from dirt liable to accumulate during storage and transport.

Further, once open, there is no real way of closing the can which may means loss or, in any case deterioration, of any liquid not immediately drunk after opening the can.

The invention here described solves both these problems, that of dirt accumulating on the top surface and that of preserving the quality of the drink to be consumed later, as will now be explained.

Subject of the invention is a lid applied by pressure to a can for drinks having a cylindrical body and truncated cone-shaped mouth at the closed top of a head round which is a raised edge, and an aperture which can be formed by pulling off a tongue-shaped strip

The shape and internal dimensions of said lid correspond to the

shape and external dimensions of the top of the can to allow substantially reciprocal matching between the lid's truncated cone-shaped body and cylindrical mouth and the truncated cone-shaped mouth and cylindrical body of the can.

- 5 The base of said lid is concave presenting an external raised rim of a substantially U-shaped cross section, said rim matching with the raised edge round the upper surface of the can.

The height of the internal wall of the rim round the lid is substantially the same as that of the raised edge on the upper surface of the  
10 can.

The cylindrical mouth in the lid extends to match, for a few millimetres, with the cylindrical body of the can.

There is a protruberance on the base of the lid, shaped substantially like the aperture in the opened can, and slightly larger

- 15 On applying the lid to the can so that the position of the protruberance corresponds radially to said aperture, said protruberance can therefore be pressed down inside the aperture, like a stopper, closing the can hermetically, avoiding any spillage of liquid, if not entirely drunk, and keeping the remainder unaltered for later  
20 consumption by simply removing the lid each time.

At the beginning and end of the truncated cone-shaped body of the lid are two annular sealing ribs that match with the beginning and end of the lid's truncated cone-shaped mouth.

- Two vent holes (46, 47) are made in the lid substantially in the  
25 centre of its concave base and at the position of its truncated cone-shaped body between the two annular ribs.

- A handle is situated on the outside of the lid, substantially at the meeting point between its truncated cone-shaped body and the cylindrical mouth; before use, this handle faces towards the top of  
30 the lid, lying flat against said lid's body, from where it can be easily rotated outwards for pulling the lid to detach it from the can.

Two lateral notches are cut into the handle about halfway along it, the transversal size of the handle being such that, when slightly bent longitudinally, it enters the aperture in the can, after all its contents have been drunk, until the edge of the aperture enters the notches fixing can and lid together to prevent them from falling apart and polluting the environment.

In one type of execution lid height is between 8 and 25 mm.

The lid is preferably made in one piece and of moderately elastic material which may be plastic, rubber or some equivalent.

10 The invention offers evident advantages.

The top of the can is protected against pollution by means of a light and practically bulkless lid of negligible cost, the aperture for consumption of the drink being made in the top of the can by pulling off the tongue-shaped strip.

15 As the top of the can has a practically hermetic seal, the lid prevents pollution through accumulation of dirt and dust which, on opening the can, could fall into the drink making it unhealthy.

The presence of the lateral handle makes lifting the lid off in order to reach the contents an extremely simple and natural gesture.

20 As the lid can be put on again each time a drink is taken, any quantity left in the can is safe from pollution and its original high quality is fully maintained.

To sum up these advantages, a simple means of negligible cost not only protects the drink against pollution but also ensures that its full flavour and other characteristics remain unimpaired.

25 Characteristics and purposes of the disclosure will be made still clearer by the following examples of its execution illustrated by diagrammatically drawn figures.

Fig. 1 A can to be opened by pulling off a tongue-shaped strip, seen closed, with the lid on, perspective view.

Fig. 2 As above, a longitudinal section.

Fig. 3 The can without lid, seen from above.

Fig. 4 A can being opened by pulling off the tongue, when the lid is being pressed on.

Fig. 5 Longitudinal section of the lid, with detail.

5 Fig. 6 The lid seen from inside.

Fig. 7 The can when open, with the lid on, longitudinal section.

Fig. 8 As in Fig 7, seen from above.

Fig. 9 The can open, with the handle of the lid fitted into the aperture, after emptying.

10 The can 10, of a well-known type, comprises the body 11 with (Figs 2, 4) the truncated cone-shaped mouth 12 and cylindrical rim 13.

This mouth is closed by the head 15 with U-shaped edge 16.

On the convex body of the head a tongue-shaped strip 19 is made by a prepared tear-off surround 22, to the end of which a pin 21

15 fixes the trapedzoidal ring-shaped handle 20.

The shape of the protective lid 30, of plastic material is substantially that of the top of the can, and comprises a cylindrical mouth 32 that connects, by means of the truncated cone-shaped body 33, with a convex base 31 through the raised U-shaped edge 34 whose

20 internal channel 35 fits over the rim 16 of the can.

On the base 31 of the lid, at a position radially corresponding to that of the aperture 23 created in the head 15 by pulling off the tongue 19, there is a protruberance 45 whose shape corresponds to that of said aperture 23, so that on fitting the lid over the opened can

25 (figures 7, 8) said protruberance acts as a stopper (see also Fig.9).

It is clear from the foregoing that the lid 30 (Figs. 1 and 2) provides a hygienic protection to the top of the can 10, preventing the accumulation of dirt thereon during storage and transport.

Protection is also ensured by the fact that, as clearly seen in

30 Figures 5 and 7, there are two annular ribs on the lid, 48 and 49, placed respectively between the cylindrical mouth 32 and the

truncated cone-shaped body 33 that connect with the base 31 and adhere to the can 10 at the position of its truncated cone-shaped mouth 12.

These annular ribs create what is substantially a hermetic chamber  
 5 comprising two vent holes, hole 46 at the centre of the base 31 of the lid, and hole 47 on the truncated cone-shaped body 33.

To detach the lid 30 from the can when about to be opened, a handle 40 is fixed to said lid 30 at the point between the truncated cone-shaped body 33 and the cylindrical mouth 32, said handle  
 10 having in it (Figs 1, 8) a central aperture 41 and notches 43 in the edges of its sides 42.

To facilitate pulling the handle which, prior to use, lies flat against the truncated cone-shaped body 33 of the lid, said handle can be rotated outwards as shown in Figures 4, 7, 8.

15 If the drink has not been finished, the remaining quantity 28 can be protected by pressing the lid back on as seen in Figures 4, 7 and 8. The lid adheres closely to the top of the can both on account of its shape and because of the presence of the ribs 48, 49.

Forced penetration of the stopper 45 inside the aperture 23 in the  
 20 head 15 of the can, not only keeps the drink clean but also prevents accidental spillage until the whole quantity has been consumed.

On consuming the contents 28 of the can, after longitudinally bending the handle and forcing it inside the aperture 23 in the head of the can (Fig. 9), the edges of said aperture 23 can penetrate  
 25 inside the notches 43 (Fig 9), so forming a stable connection between can and lid and preventing the latter from becoming an item of polluting waste if dropped on the ground.

As the above invention has been described and explained as one example only and to show its essential features, many variations  
 30 may be made to it according to industrial, commercial and other requirements, or be included in other systems and means without

departing from its sphere of operation.

It is therefore understood that the application to patent comprises any equivalent application of the concepts therein expressed or any equivalent product executed and/or operating according to any one

5 or more of the following claims.



CLAIMS

1. Lid (30) applied by pressure to a can (10) containing drinks (28),  
 said can having a cylindrical body (11) and truncated cone-  
 shaped mouth (12) at the top closed by a head (15) with a raised  
 5 rim (16) and an aperture (23) obtainable by tearing off a tongue-  
 shaped strip (19),

characterized in that it presents a concave base, a truncated cone-  
 shaped body (33) and a cylindrical mouth (32) whose shape and  
 internal dimensions correspond to the shape and external dimen-  
 10 sions of the top of the can (10), substantially permitting reciprocal  
 matching between the truncated cone-shaped body and cylindrical  
 mouth respectively with the truncated cone-shaped mouth (12) and  
 cylindrical body (11) of the can (10).

2. Lid (30) applied by pressure to a can (10) for drinks (28) as in  
 15 claim 1,

characterized in that the concave base presents an external raised  
 rim (34) of a substantially U-shaped cross section, that matches  
 with the raised rim (16) on the head (15) of the can (10), height of  
 the internal wall of the rim (34) on the lid (30) being substantially  
 20 that of the raised rim (16) on the head (15) of the can (10), the  
 cylindrical mouth (32) in the lid (30) extending to match, for a few  
 millimetres, with the cylindrical body (11) of the can (10).

3. Lid (30) applied by pressure to a can (10) for drinks (28) as in  
 claim 1,

25 characterized in that on its concave base there is a protruberance  
 (45) substantially of the same shape as the aperture (23) in the  
 opened can (10) but slightly larger so that, on applying the lid (30)  
 to the can (10), the position of the protruberance (45) corresponds  
 radially to that of the aperture (23) and when said protruberance  
 30 (45) is forced inside said aperture (23) it acts as a stopper  
 hermetically closing the can (11) avoiding accidental spillage of the

drink (28) if not fully consumed, as well as making it possible to consume it as desired, removing the lid (30) from the can each time.

5        4. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

characterized in that, at the beginning and end of its truncated cone-shaped body (33), it presents two annular ribs (48, 49) to make a seal, said ribs matching with the beginning and end of the truncated cone-shaped mouth (12) of the can (10).

10       5. Lid (30) applied by pressure to a can (10) for drinks (28) as in claims 1 and 4

characterized in that it presents two vent holes, one (46) placed substantially at the centre of its concave base (31) and the other (47) between the two annular ribs (48, 49) on its truncated cone-

15       shaped body (33).

6. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

characterized in that, substantially at the meeting point between its truncated cone-shaped body (33) and cylindrical mouth (32), is an

20       external handle (40), facing upwards and adhering to said body prior to use, said handle (40) being easily rotated outwards to assist the pull on the lid (30) in order to detach it from the can (10).

7. Lid (30) applied by pressure to a can (10) for drinks (28) as in claims 1 and 6,

25       characterized in that it presents, about halfway up said handle (40) two lateral notches (43) and a transversal dimension so that, by making a slight longitudinal bend, it is able to enter the aperture (23) in the can (10), after all the drink (28) has been consumed, becoming inserted in said notches (43) in the edge of said aperture

30       (23), thus fixing the can (10) and lid (30) together, preventing their coming apart and the lid (30) forming an item of waste to pollute the

environment.

8. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

characterized in that its height is comprised between 8 and 25 mm.

5 9. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

characterized in that it is made in a single piece.

10. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

10 characterized in that it is made of plastic material.

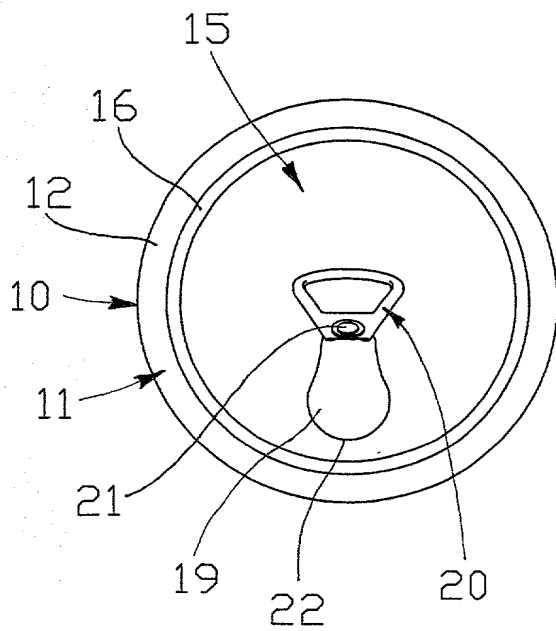
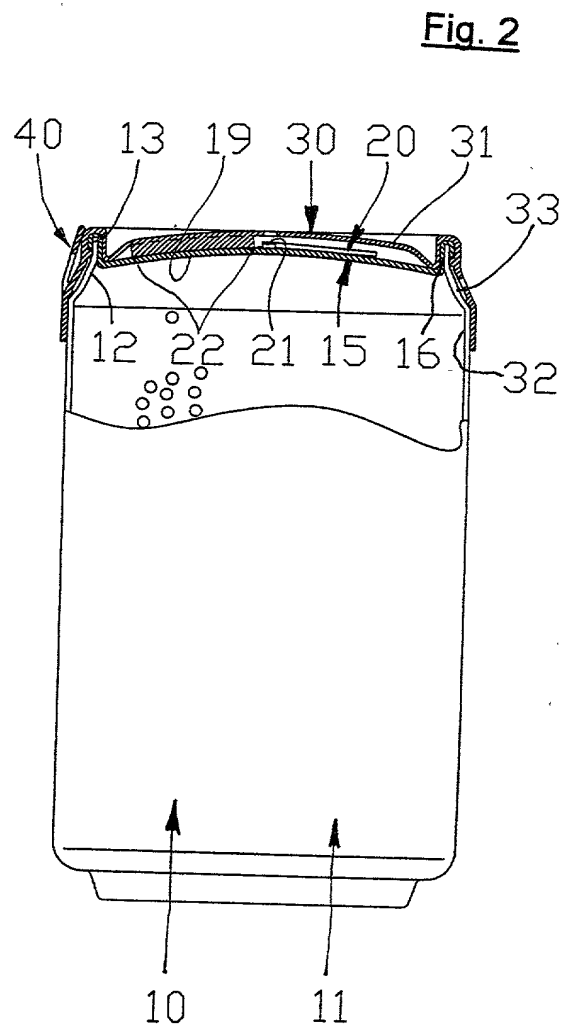
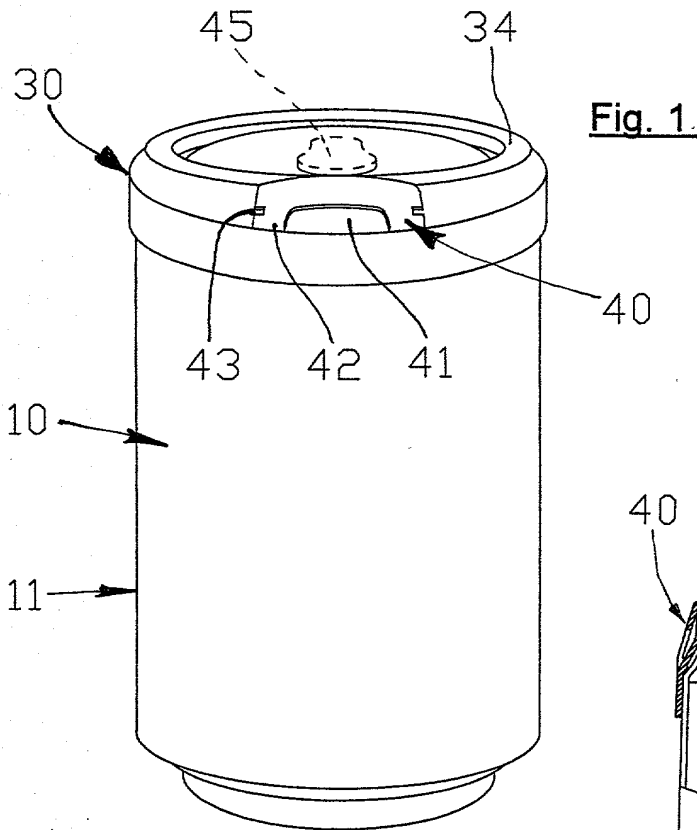
characterized in that it is made of moderately elastic plastic material.

11. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

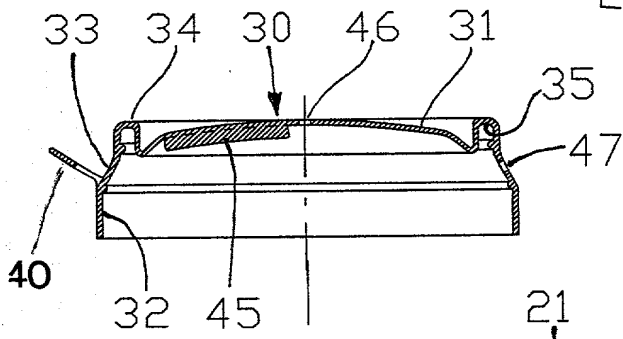
12. Lid (30) applied by pressure to a can (10) for drinks (28) as in claim 1,

15 characterized in that it is made of rubber.

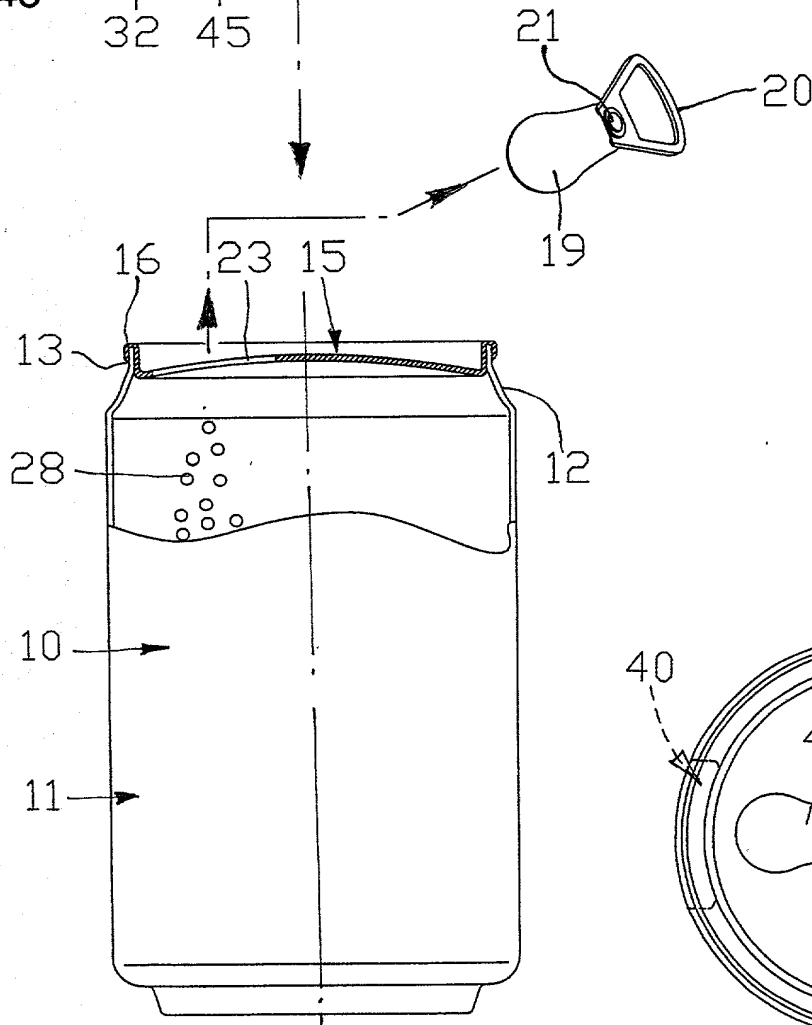
1/3



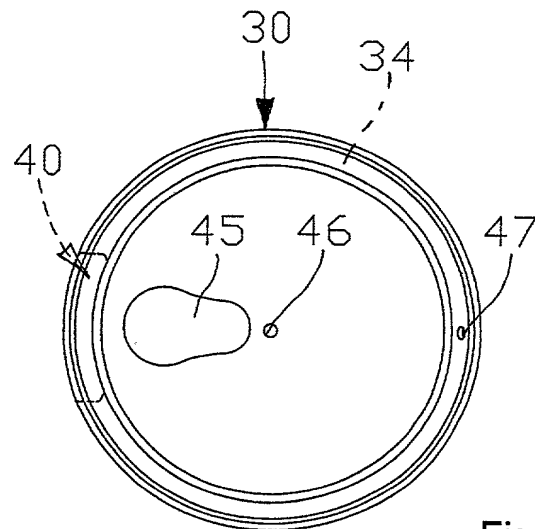
2/3



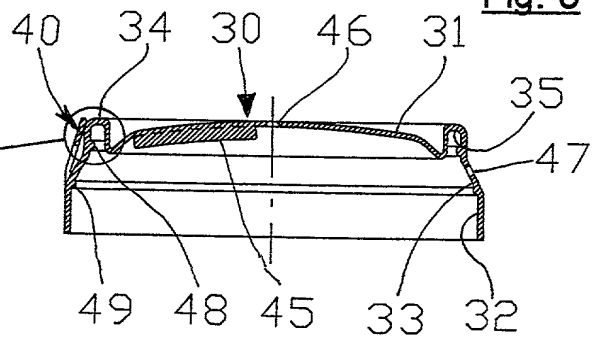
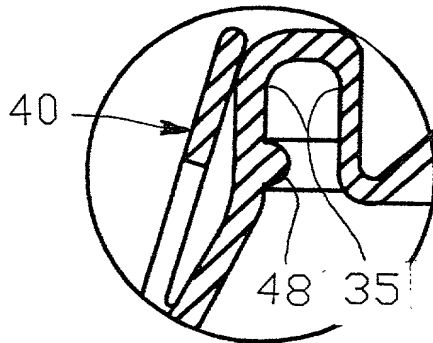
**Fig. 4**



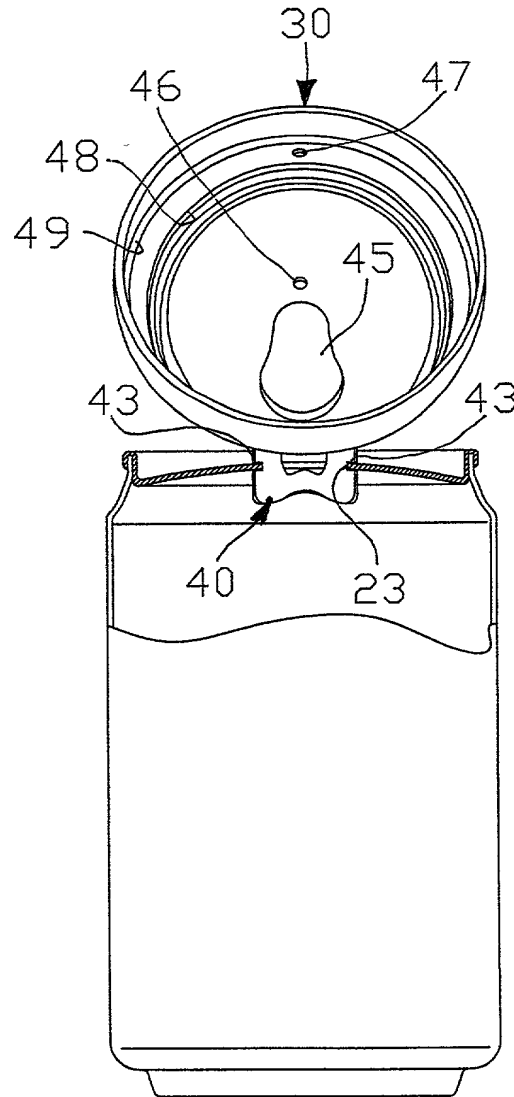
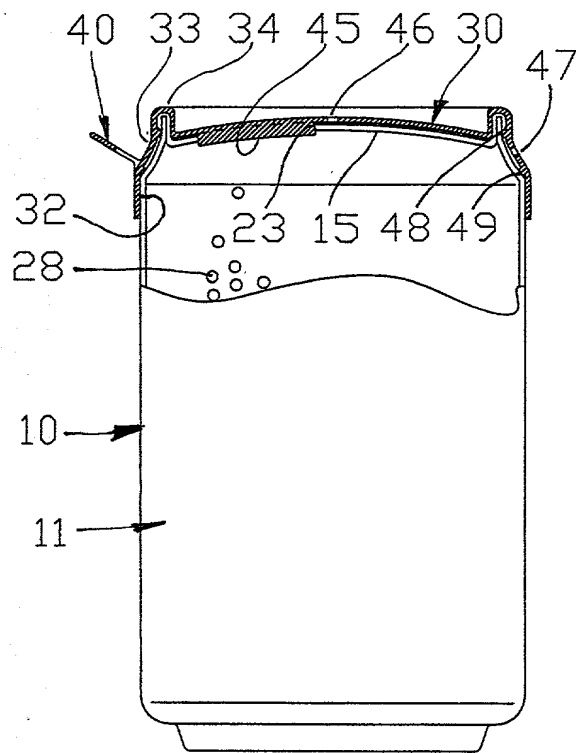
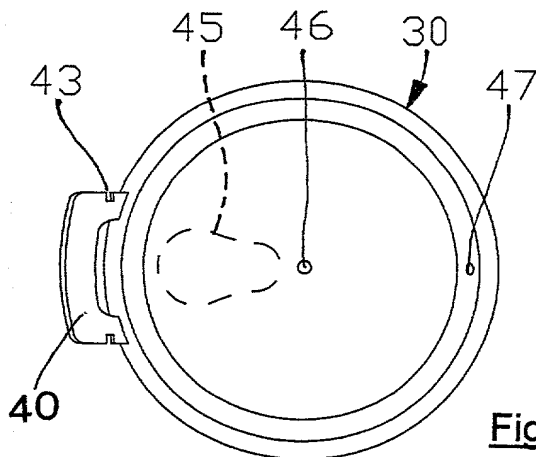
**Fig. 6**



**Fig. 5**



3/3

**Fig. 7****Fig. 9****Fig. 8**

**DECLARATION AND POWER OF ATTORNEY FOR NATIONAL STAGE OF PCT PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

Emilio TALMON

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: " LID APPLIED BY PRESSURE TO CANS CONTAINING DRINKS"

The specification of which was filed as PCT International Application Number PCT/IT99/00358 on December 16, 1999

I hereby state that I believe the named inventor or inventors in the Declaration to be the original and first inventor or inventors of the subject matter which is claimed and for which a patent is sought.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

**Prior foreign application(s):**

TN 99 A 000006

ITALY

February 12, 1999

**Priority claimed:**

X

TN 99 A 000010

ITALY

May 11, 1999

X

TN 99 A 000015

ITALY

September 20, 1999

X

MI 99 A 002305

ITALY

November 04, 1999

X

(Number)

(Country)

(Date filed)

Yes

No

As a named inventor, I hereby appoint the following attorney to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Michael J. Striker, Reg. No. 27233



Direct all telephone calls to Striker, Striker & Stenby at telephone no.: (631) 549 4700 and address all correspondence to:


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**U.S.A.**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Codes and that such willful false statement may jeopardize the validity of the application or any patent issued thereon.

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Full Name of Eighth or Sole Inventor:	Citizenship:	
Signature:	Date:	Residence and Full Postal Address:
Full Name of Ninth or Sole Inventor:	Citizenship:	